

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	108	83/312.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/24 12:54
L2	45	83/279.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/24 12:54
L3	130	83/279-280.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/24 12:55
L4	419	83/282.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/24 12:58
L5	189	83/310.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/24 12:59
L6	108	83/312.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/24 13:00
L7	197	83/276.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/24 13:01
L8	139	83/934.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/24 13:02
L9	145	83/273-275.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/24 13:03
L10	494	83/277.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/24 13:04
L11	387	83/425.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/24 13:05
L12	554	83/435.2.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/24 13:06
L13	53	83/429.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/24 13:06
L14	49	83/321.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/24 13:07
L15	33	83/325.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/24 13:08
L16	227	83/110.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/24 13:09
L17	78	83/350.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/24 13:10
L18	119	83/80.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/24 13:10
L19	49	83/625.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/24 13:11
L20	55	83/313.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/24 13:11
L21	233	83/311.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/24 13:12

## EAST Search History

L22	210	83/327-328.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/24 13:12
L23	150	83/324.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/24 13:13
S1	42	((("2971414") or ("3266357") or ("3381794") or ("3399755") or ("2733947") or ("3841182") or ("3884102") or ("3889564") or ("3956781") or ("3991926") or ("4020722") or ("4202323") or ("4280384") or ("4300427") or ("4445407") or ("4505173") or ("4599039") or ("4722255") or ("4922773") or ("5086681") or ("5197364") or ("5214992") or ("5259285") or ("5279196") or ("5301581") or ("5447302") or ("5467677") or ("5765460") or ("5832799") or ("6003417") or ("6230596") or ("6536319") or ("6585262") or ("6766209") or ("6810778") or ("2017462") or ("2535240") or ("6520058") or ("5072637") or ("5062340") or ("3148574") or ("3212733")).PN.	US-PGPUB; USPAT	OR	OFF	2004/11/03 08:50
S2	0	("re.28840").PN.	US-PGPUB; USPAT	OR	OFF	2004/11/03 08:50
S3	0	"re.28840"	US-PGPUB; USPAT	OR	ON	2004/11/03 08:51
S4	132	"28840"	US-PGPUB; USPAT	OR	ON	2004/11/03 08:51
S5	0	2001/0023630	US-PGPUB; USPAT	OR	ON	2004/11/03 08:51
S6	0	"83"". "\$.ccls. and sarring.inv.	US-PGPUB; USPAT	OR	ON	2004/11/03 09:02
S7	0	"83"/\$.ccls. and sarring.inv.	US-PGPUB; USPAT	OR	ON	2004/11/03 09:02
S8	0	"83"/\$.ccls. and sarring.inv.	US-PGPUB; USPAT	OR	ON	2004/11/03 09:03
S9	5	"83"/\$.ccls. and sarring.inv.	US-PGPUB; USPAT	OR	ON	2004/11/03 09:04
S10	4345	nakajima.inv.	USPAT	OR	ON	2004/11/03 09:04
S11	17	"83"/\$.ccls. and nakajima.inv.	USPAT	OR	ON	2004/11/03 09:05
S12	5	"83"/\$.ccls. and nakajima.inv.	US-PGPUB	OR	ON	2004/11/03 09:06
S13	1	"83"/\$.ccls. and zechini.inv.	US-PGPUB	OR	ON	2004/11/03 09:06
S14	4	"83"/\$.ccls. and cote.inv.	US-PGPUB	OR	ON	2004/11/03 09:24
S15	1	83/312	US-PGPUB	OR	ON	2004/11/03 13:26

## EAST Search History

S16	213	83/312	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/03 09:34
S17	128	83/279	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/03 09:40
S18	193	83/280	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/03 09:49
S19	751	83/282	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/03 10:20
S20	18	"3733947"	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/03 09:51
S21	360	83/310	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/03 10:21
S22	1	83/276	US-PGPUB	OR	ON	2004/11/03 13:26
S23	403	83/276	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/03 13:44
S24	1	10/035997	US-PGPUB; USPAT	OR	ON	2004/11/03 13:28
S25	177	83/934	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/03 13:57
S26	901	83/277	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/03 17:58
S27	276	83/273-275.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/03 17:58
S28	0	conveyor same (epicyclic near2 gear)	US-PGPUB; USPAT	OR	ON	2005/06/21 17:35
S29	0	conveyor same (epicyclic near2 gear)	US-PGPUB; USPAT	OR	ON	2005/06/21 17:36
S30	33	(epicyclic near2 gear)	US-PGPUB; USPAT	OR	ON	2005/06/21 18:38
S31	271	book near2 trim\$5	US-PGPUB; USPAT	OR	ON	2005/06/21 18:39

## EAST Search History

S32	22	("1076726"   "1327915"   "2562938"   "3424044"   "3528332"   "3732766"   "3733947"   "3811350"   "3841182"   "4202232"   "4300427"   "4505173"   "4516455"   "4615249"   "4922773"   "5259285"   "5694823").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 18:47
S33	381	83/425.ccls.	US-PGPUB; USPAT	OR	ON	2005/06/28 18:37
S34	50	83/425.ccls. and speed	US-PGPUB; USPAT	OR	ON	2005/06/28 18:44
S35	79	83/435.2.ccls. and speed	US-PGPUB; USPAT	OR	ON	2005/06/28 18:52
S36	8	83/429.ccls. and speed	US-PGPUB; USPAT	OR	ON	2005/06/28 18:53
S37	18	83/321.ccls. and speed	US-PGPUB; USPAT	OR	ON	2005/06/28 18:53
S38	13	83/325.ccls. and speed	US-PGPUB; USPAT	OR	ON	2005/06/28 18:54
S39	7	83/350.ccls. and speed	US-PGPUB; USPAT	OR	ON	2005/06/28 18:55
S40	86	83/110.ccls. and speed	US-PGPUB; USPAT	OR	ON	2005/06/28 18:55
S41	3719	conveyor same (speed near5 (chang\$5 or vary\$5))	US-PGPUB; USPAT	OR	ON	2005/06/29 11:24
S42	0	83/ccls. and conveyor same (speed near5 (chang\$5 or vary\$5))	US-PGPUB; USPAT	OR	ON	2005/06/29 10:46
S43	133	"83"/\$.ccls. and conveyor same (speed near5 (chang\$5 or vary\$5))	US-PGPUB; USPAT	OR	ON	2005/06/29 10:46
S44	41	conveyor same (speed near5 (chang\$5 or vary\$5)) same trim\$5	US-PGPUB; USPAT	OR	ON	2005/06/29 11:35
S45	5	(book near2 trim\$5) same convey\$6 same ((speed or velocity) near3 (chang\$5 or vary\$5))	US-PGPUB; USPAT	OR	ON	2005/06/29 11:37
S46	5	(book near2 trim\$5) same convey\$6 same ((speed or velocity) near6 (chang\$5 or vary\$5))	US-PGPUB; USPAT	OR	ON	2005/06/29 11:37
S47	5	(book near2 trim\$5) same convey\$6 same ((speed or velocity) same (chang\$5 or vary\$5))	US-PGPUB; USPAT	OR	ON	2005/06/29 11:37
S48	272	(book near2 trim\$5)	US-PGPUB; USPAT	OR	ON	2005/06/29 11:37
S49	940	cote.inv.	US-PGPUB; USPAT	OR	ON	2005/06/30 10:50
S50	20	cote.inv. and book	US-PGPUB; USPAT	OR	ON	2005/06/30 10:51

## EAST Search History

S51	15	curley.inv. and book	US-PGPUB; USPAT	OR	ON	2005/06/30 10:51
S53	0	(epicylic near1 gear) same reciprocat\$5	US-PGPUB; USPAT	OR	ON	2005/12/10 13:10
S54	2	(epicylic near1 gear) and reciprocat\$5	US-PGPUB; USPAT	OR	ON	2005/12/10 14:59
S55	0	83/312.ccls	US-PGPUB; USPAT	OR	ON	2005/12/10 15:00
S56	105	83/312.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/10 15:09
S57	45	83/279.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/10 15:09
S58	130	83/279-280.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/10 15:10
S59	419	83/282.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/10 15:11
S60	187	83/310.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/10 15:13
S61	105	83/312.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/10 15:14
S62	196	83/276.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/10 15:15
S63	134	83/934.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/10 15:18
S64	489	83/277.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/10 15:19
S65	145	83/273-275.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/10 15:21
S66	382	83/425.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/10 15:22
S67	554	83/435.2.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/10 15:24
S68	53	83/429.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/10 15:25
S69	49	83/321.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/10 15:26
S70	32	83/325.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/10 15:26
S71	226	83/110.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/10 15:27
S72	77	83/350.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/10 15:28
S73	118	83/80.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/10 15:28

## EAST Search History

S74	49	83/625.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/10 15:28
S75	16	("0490877"   "1076726"   "1327915"   "2017462"   "3146650"   "3913750"   "4505173"   "4518157"   "4922773"   "5086681"   "5467677").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/17 08:38
S76	0	("6536319").URPN.	USPAT	OR	ON	2006/07/17 08:39
S77	12	("1088573"   "1248253"   "1551167"   "1635165"   "2524016"   "2670768").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/17 08:42
S78	10	("3889564").URPN.	USPAT	OR	ON	2006/07/17 08:43
S79	55	83/313.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/17 09:07
S80	233	83/311.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/17 09:12
S81	2	("3800647"   "3918336").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/17 09:08
S82	0	("6895847").URPN.	USPAT	OR	ON	2006/07/17 09:08
S83	210	83/327-328.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/17 09:19
S84	150	83/324.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/17 09:19
S85	16	("0490877"   "1076726"   "1327915"   "2017462"   "3146650"   "3913750"   "4505173"   "4518157"   "4922773"   "5086681"   "5467677").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/17 09:22
S86	22	("1076726"   "1327915"   "2562938"   "3424044"   "3528332"   "3732766"   "3733947"   "3811350"   "3841182"   "4202232"   "4300427"   "4505173"   "4516455"   "4615249"   "4922773"   "5259285"   "5694823").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/17 09:34
S87	0	("6520058").URPN.	USPAT	OR	ON	2006/07/17 09:37
S88	12	("1088573"   "1248253"   "1551167"   "1635165"   "2524016"   "2670768").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/17 09:43
S89	10	("3889564").URPN.	USPAT	OR	ON	2006/07/17 09:43
S90	10	("3889564").URPN.	USPAT	OR	ON	2006/07/17 09:44
S91	2	("3732766"   "Re28840").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/17 09:46
S92	8	("4505173").URPN.	USPAT	OR	ON	2006/07/17 09:46

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S93	14	("1610729"   "2157232"   "2645327"   "3122041"   "3381564"   "3381794"   "3399755").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/17 09:51
S94	15	("3733947").URPN.	USPAT	OR	ON	2006/07/17 09:51
S95	15	("3733947").URPN.	USPAT	OR	ON	2006/07/17 09:52
S96	21	("0363461"   "1123412"   "1133297"   "2064261"   "2822003"   "2852052"   "3072158"   "3073197"   "3393538"   "3511122"   "3554247").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/17 09:56
S97	15	("3888150").URPN.	USPAT	OR	ON	2006/07/17 09:57
S98	13	("1327915"   "2763324"   "3570344"   "3733947"   "3830354"   "4436469"   "5147092"   "5311801"   "5374044"   "5472181"   "5660515").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/17 09:59
S99	0	("7021185").URPN.	USPAT	OR	ON	2006/07/17 10:02
S10 0	17	("1076726"   "1635165"   "2922171"   "2956295"   "3093396"   "3167987"   "3188667"   "3250162"   "4343461").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/17 10:02
S10 1	13	("4436469").URPN.	USPAT	OR	ON	2006/07/17 10:02
S10 2	13	("4436469").URPN.	USPAT	OR	ON	2006/07/17 12:46
S10 3	13	("2840224"   "3037609"   "3352403"   "3399755"   "4124113"   "4364466"   "4724946"   "4934510"   "5699651").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/17 12:58
S10 4	5	("3951399"   "4038893"   "4201286"   "5113731"   "5125304").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/17 13:25
S10 5	1	("5832799").URPN.	USPAT	OR	ON	2006/07/17 13:50
S10 6	0	"10512489"	USPAT	OR	ON	2006/07/17 13:50
S10 7	1	"10/512489"	US-PGPUB; USPAT	OR	ON	2006/07/17 13:50
S10 8	2	("3800647"   "3918336").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/18 17:13
S10 9	0	("6895847").URPN.	USPAT	OR	ON	2006/07/18 17:16
S11 0	34	book same cut\$ same speed same match\$	US-PGPUB; USPAT	OR	ON	2006/07/19 17:20

## EAST Search History

S11 1	329	"414"/\$.ccls. and (speed same match\$)	US-PGPUB; USPAT	OR	ON	2006/07/19 17:14
S11 2	2282	cut\$ same speed same match\$	US-PGPUB; USPAT	OR	ON	2006/07/19 17:15
S11 3	16	cut\$ same speed same match\$ same skew\$	US-PGPUB; USPAT	OR	ON	2006/07/19 17:16
S11 4	75	cut\$ same speed same match\$ same (belt or transfer) same (blade or knife)	US-PGPUB; USPAT	OR	ON	2006/07/19 17:16
S11 5	65	book same cut\$4 same speed same match\$5	USOCR	OR	ON	2006/07/19 17:19
S11 6	67	book same (cut\$4 or trim\$4) same speed same match\$5	USOCR	OR	ON	2006/07/19 17:20
S11 7	67	book same (cut\$4 or trim\$6) same speed same match\$5	USOCR	OR	ON	2006/07/19 17:20
S11 8	1	book same (cut\$4 or trim\$5) same speed same (vary\$4) same (blade or knife)	US-PGPUB; USPAT	OR	ON	2006/07/19 17:21
S12 0	156	(cut\$4 or trim\$5) same speed same (vary\$4) same (blade or knife) same (transfer\$4 or convey\$4)	US-PGPUB; USPAT	OR	ON	2006/07/19 17:27
S12 1	1572	(cut\$4 or trim\$5) same speed same (vary\$4) same (blade or knife) same (transfer\$4 or convey\$4)	USOCR	OR	ON	2006/07/19 17:27
S12 2	28	(cut\$4 or trim\$5) same speed same (vary\$4) same (blade or knife) same (transfer\$4 or convey\$4) same book	USOCR	OR	ON	2006/07/20 08:56
S12 3	0	(cut\$4 or trim\$5) same speed same (vary\$4) same (blade or knife) same (transfer\$4 or convey\$4) same insynch	USOCR	OR	ON	2006/07/20 08:56
S12 4	0	(cut\$4 or trim\$5) same speed same (vary\$4) same (blade or knife) same (transfer\$4 or convey\$4) same insync	USOCR	OR	ON	2006/07/20 08:57
S12 5	12	(cut\$4 or trim\$5) same speed same (vary\$4) same (blade or knife) same (transfer\$4 or convey\$4) same sync\$	US-PGPUB; USPAT	OR	ON	2006/07/20 08:58
S12 6	12	(cut\$4 or trim\$5) same speed same (vary\$4) same (blade or knife) same (transfer\$4 or convey\$4 or transport\$) same sync\$	US-PGPUB; USPAT	OR	ON	2006/07/20 08:58
S12 7	417	(cut\$4 or trim\$5) same speed same (vary\$4 or sync\$) same (blade or knife) same (transfer\$4 or convey\$4 or transport\$)	US-PGPUB; USPAT	OR	ON	2006/07/20 08:59



## EAST Search History

S12 8	1938	(cut\$4 or trim\$5) same speed same (vary\$4 or sync\$6) same (blade or knife) same (transfer\$4 or convey\$4 or transport\$)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/20 09:47
S12 9	31	(cut\$4 or trim\$5) same speed same (vary\$4 or sync\$6) same (blade or knife) same (transfer\$4 or convey\$4 or transport\$) same book	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 10:37
S13 0	4	("3122041").URPN.	USPAT	OR	ON	2006/07/20 09:53
S13 1	4	("3122041").URPN.	USPAT	OR	ON	2006/07/20 09:56
S13 2	2	("2956295").URPN.	USPAT	OR	ON	2006/07/20 10:00
S13 3	37	(cut\$4 or trim\$5) same speed same (vary\$4 or sync\$6) same (blade or knife) same (transfer\$4 or convey\$4 or transport\$) same magazine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 10:02
S13 4	0	("1981621").URPN.	USPAT	OR	ON	2006/07/20 10:05
S13 5	0	("1981621").URPN.	USPAT	OR	ON	2006/07/20 10:05
S13 6	1486	(cut\$4 or trim\$5) same speed same (transfer\$4 or convey\$4 or transport\$) same (book or magazine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 11:49
S13 7	8	("1076726"   "1267283"   "2482685"   "3146650").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/20 11:09
S13 8	7	("3732766").URPN.	USPAT	OR	ON	2006/07/20 11:10
S13 9	18	"3939560"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 11:49
S14 0	15	"3722336"	US-PGPUB; USPAT	OR	ON	2006/07/22 16:48